

DINNIN & DUNN, P.C.

MICHAEL R. DINNIN
 ROBERT A. DUNN
 MICHAEL T. RAGGIO
 LAURENCE C. BEGIN
 JONATHAN F. YATES
 KURT L. VANVOORHIES, PH.D., P.E.
 (REGISTERED PATENT AGENT)

ATTORNEYS AND COUNSELORS
 TOP OF TROY BUILDING
 755 WEST BIG BEAVER ROAD
 TROY, MICHIGAN 48064
 (248) 382-2800
 TELEFACSIMILE (248) 382-2864
 E-MAIL DINNINDUNN@AOL.COM
 WEBSITE WWW.DINNINDUNN.COM

LYMAN R. LYON
 (1928-2000)
 LLOYD M. FORSTER
 (1919-1993)

SPECIALIZING IN
 INTELLECTUAL PROPERTY LAW:
 PATENT, TRADEMARK, COPYRIGHT,
 AND TECHNOLOGY RELATED CAUSES

FACSIMILE COVER SHEET

RECEIVED
CENTRAL FAX CENTER

JAN 02 2004

OFFICIAL

To: Group 2862
 FAX #: 703-872-9306
 From: Kurt L. VanVoorhies
 Date: 2 January 2004

Total number of pages (including cover sheet): 11

Message:

In re Application of:

Timothy J. BOMYA
 Serial No.: 10/666,165
 Filed: September 19, 2003
 For: MAGNETIC SENSOR

Group: 2862
 Examiner:
 Attorney Docket No.: 5701-00297

Facsimile Contents:

1. Transmittal Form - 1 page
2. INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.97(b)(3) and 1.98(d)(1) - 2 pages;
3. FORM PTO-1449 - 3 pages;
4. INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.97(b)(3) - 2 pages;
5. FORM PTO-1449 - 1 page;
6. Change of Correspondence Address - 1 page; and
7. Certificate of Mailing (on items 1, 2 and 4).

CONFIDENTIAL: The information contained in this transmission is intended only for the use of the addressee(s) named above. If the reader of this message is not the named addressee, or the addressee's agent or employee responsible for delivering the message to the addressee(s), please note that any dissemination, distribution or copying of this communication is strictly prohibited. Anyone who receives this communication in error should notify us immediately by telephone (collect if necessary) at the number listed above and return the original message to us via U.S. Mail.

PTO/SB/21 (05-03)

Approved for use through 06/30/2003. GMB 0551-0031
 U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(To be used for all correspondence after initial filing)

Total Number of Pages in This Submission

10

Application Number

10/668,165

Filing Date

19 September 2003

First Named Inventor

Timothy J. BOMYA

Art Unit

2862

Examiner Name

Attorney Docket Number

5701-00297

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> <input type="checkbox"/> After Final	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> <input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	<input type="checkbox"/> Change of Correspondence Address
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s)	
<input type="checkbox"/> Certified Copy of Priority Document(s)		
<input type="checkbox"/> Response to Missing Parts/Incomplete Application		
<input type="checkbox"/> <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

Remarks

Two Information Disclosure Statements are submitted herewith.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Kurt L. VanVoorhis, Dinnin & Dunn, P.C.
Signature	
Date	2 January 2004

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Kurt L. VanVoorhis
Signature	
Date	2 January 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file and by the USPTO to process the application. Collection of information is governed by 35 U.S.C. 122 and 37 CFR 1.10. The burden for this collection is estimated at 12 minutes to complete, including gathering, preparing, and submitting the required application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-8199 and select option 2.

Application Serial No.: 10/666,165

Attorney Docket No: 5701-00297

PATENT**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****In re Application of:**

Timothy J. BOMYA

Group: 2862

Serial No.: 10/666,165

Examiner:

Filed: September 19, 2003

Attorney Docket No.: 5701-00297

For: MAGNETIC SENSOR/**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.97(b)(3) and 1.98(d)(1)**

2 January 2004

Mail Stop DD
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Dear Sir:

Applicant submits this Statement in accordance with the duty of disclosure under 37 C.F.R. §1.56 and §§1.97-1.98, and more particularly in accordance with 37 C.F.R. §1.97(b)(3), i.e., filing the statement before the mailing date of a first Office action on the merits.

Identification of Prior Application In Which Listed Information Was Already Cited and for Which No Copies Are Submitted or Need Be Submitted Under 37 C.F.R. §1.98(d)(1)

This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior Application Serial No. 09/649,416 filed on August 26, 2000.

Enclosed herewith is the List of References Cited by Applicant (PTO-1449). These references were submitted to, and/or cited by, the Office in the prior application and, therefore, are not required to be provided in this application.

CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. section 1.8(a))

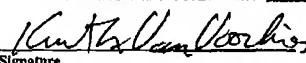
I hereby certify that, on the date shown below, this correspondence is being:

MAILING

FACSIMILE

- deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Mail Stop DD
 Commissioner for Patents, P.O. Box 1450,
 Alexandria, VA 22313-1450.

transmitted by facsimile to the Patent and
 Trademark Office to FAX number 703-872-9306


 Signature

Date: 2 January 2004

Kurt J. Van Voorhees
 (Type or print name of person certifying)

Application Serial No.: 10/666,165**Attorney Docket No: 5701-00297**

As to references listed on attached Form PTO-1449 that are in English, under 37 C.F.R. §1.98(a)(3), no further commentary is believed to be necessary. Applicant respectfully solicits the Examiner's consideration of the cited references and entry thereof into the record of this application.

In accordance with 37 C.F.R. 1.98(c), written English-language translations of the Abstracts of the non-English language documents were submitted therewith. In accordance with MPEP § 609 A(3), the submission of English language abstracts for these non-English language documents is believed to fulfill the requirement under 37 C.F.R. 1.98(c) for a concise explanation thereof. No individual designated in §1.56(c) has possession, custody, control, or ready availability of written English-language translations of other portions of these non-English language documents.

Applicant, by submitting this Information Disclosure Statement, is attempting to fully comply with the duty of candor and good faith mandated by 37 C.F.R. §1.56. As such, this Information Disclosure Statement is not intended to constitute an admission that any of the enclosed references, or other information referred to therein, is otherwise "material to patentability," as that term is defined in that section.

Respectfully submitted,



Kurt L. Van Voorhies
Registration No. 38,643
Phone: 248-364-2100
Facsimile: 248-364-2200

Dinnin & Dunn, P.C.
2701 Cambridge Court, Suite 500
Auburn Hills, MI 48326
5701-00297
2 January 2004

Enclosure

Based on Form PTO-1449 (3/90)			ATTY. DOCKET NO.		SERIAL NO.		
			5701-00297		10/666,165		
			APPLICANT		Page 1		
			Timothy J. BOMYA				
FILING DATE			September 19, 2003		January 2, 2004		
U. S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
AA		1,813,746	2/23/27	Kinsley	324	243	
AB		2,552,722	5/15/51	King	264	1	
AC		3,659,197	4/25/72	Alley	324	51	
AD		3,945,459	3/23/76	Oishi et al.	180	274	
AE		4,087,782	5/2/78	Oishi et al.	180	271	
AF		4,178,979	12/18/79	Birat	164	49	
AG		4,446,741	5/8/84	Sirokorad et al.	73	654	
AH		4,561,314	12/31/85	Alley et al.	73	862,69	
AI		4,802,368	2/7/89	Nordvall	73	862,69	
AJ		4,823,521	4/25/89	Sobel	73	862,69	
AK		4,866,418	9/12/89	Dobler et al.	340	429	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION Yes No
AL		0 453 824 A1	10/30/91	EPO	G01B7	7/14	abstract
AM		56-157802	5/12/81	Japan	G01B7	7/28	abstract
AN							
AO							
AP							
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AR	Kwun, H., "Magnetostrictive Sensors Technology", reprinted from Technology Today, March, 1995, pp. 3-7					
	AS	Uras, M., "Signal Detection Methods for Magnetostrictive Sensors", 970604, reprinted from Sensors and Actuators 1997, SP-1220, Society of Automotive Engineers, February 24, 1997, pp. 23-33					
	AT						
EXAMINER			DATE CONSIDERED				
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Based on Form PTO-1449 (3/90)			ATTY. DOCKET NO. 5701-00297		SERIAL NO. 10/666,165		
			APPLICANT Timothy J. BOMYA				
			FILING DATE September 19, 2003		January 2, 2004		
			U. S. PATENT DOCUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
	BA	5,007,295	4/16/91	Gustafsson et al.	73	862,69	
	BB	5,041,769	8/20/91	Iwai	318	254	
	BC	5,134,371	7/26/92	Watanabe	324	252	
	BD	5,144,846	9/8/92	Klauber et al.	73	862,336	
	BE	5,177,370	1/5/93	Meister	307	10.1	
	BF	5,359,286	10/25/94	Kaicer et al.	324	207.2	
	BG	5,437,197	8/1/95	Uras et al.	73	862,69	
	BH	5,580,084	12/3/96	Gioutsos	280	735	
	BI	5,636,863	6/10/97	Reid et al.	280	735	
	BJ	5,646,613	7/8/97	Cho	340	903	
	BK	5,707,076	1/13/98	Takahashi	280	735	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION Yes No
	BL						
	BM						
	BN						
	BO						
	BP						
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	BR						
	BS						
	BT						
EXAMINER			DATE CONSIDERED				
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 909. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Based on Form PTO-1449 (3/90)		ATTY. DOCKET NO.		SERIAL NO.	Page 3	
		5701-00297		10/666,165		
		APPLICANT				
		Timothy J. BOMYA				
FILING DATE		September 19, 2003		January 2, 2004		
U. S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	
CA		5,739,757	4/14/98	Gioutsos	340	
CB		5,747,896	5/5/98	Kwun et al.	73	
CC		5,783,871	7/21/98	LeMense	307	
CD		6,039,345	3/21/00	Cech et al.	280	
CE		6,317,048	11/13/01	Bomya et al.	340	
CF						
CG						
CH						
CI						
CJ						
CK						
FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	
CL						
CM						
CN						
CO						
CP						
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
	CR					
	CS					
	CT					
EXAMINER		DATE CONSIDERED				
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

Application Serial No.: 10/666,165

Attorney Docket No: 5701-00297

PATENT**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****In re Application of:**

Timothy J. BOMYA

Group: 2862

Serial No.: 10/666,165

Examiner:

Filed: September 19, 2003

Attorney Docket No.: 5701-00297

For: MAGNETIC SENSOR/**RECEIVED
CENTRAL FAX CENTER**

JAN 02 2004

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.97(b)(3)**OFFICIAL**

2 January 2004

Mail Stop DD
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Dear Sir:

Applicant submits this Statement in accordance with the duty of disclosure under 37 C.F.R. §1.56 and §§1.97-1.98, and more particularly in accordance with 37 C.F.R. §1.97(b)(3), i.e., filing the statement before the mailing date of a first Office action on the merits. Enclosed herewith is the List of References Cited by Applicant (PTO-1449). As the instant application was filed after June 30, 2003, in accordance with the OG Notice of 05 August 2003, copies of the cited U.S. patents cited therein are not submitted herewith.

As all the references listed on attached Form PTO-1449 are in English, under 37 C.F.R. §1.98(a)(3), no further commentary is believed to be necessary. Applicant respectfully solicits the Examiner's consideration of the cited references and entry thereof into the record of this application.

CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. section 1.8(n))

I hereby certify that, on the date shown below, this correspondence is being:

MAILING**FACSIMILE**

- deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Mail Stop DD
 Commissioner for Patents, P.O. Box 1450,
 Alexandria, VA 22313-1450.

transmitted by facsimile to the Patent and
 Trademark Office to FAX number 703-872-9306

Kurt L. Van Voorhis
 Signature

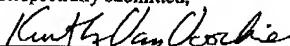
Date: 2 January 2004

Kurt L. Van Voorhis
 (type or print name of person certifying)

Application Serial No.: 10/666,165**Attorney Docket No: 5701-00297**

Applicant, by submitting this Information Disclosure Statement, is attempting to fully comply with the duty of candor and good faith mandated by 37 C.F.R. §1.56. As such, this Information Disclosure Statement is not intended to constitute an admission that any of the enclosed references, or other information referred to therein, is otherwise "material to patentability," as that term is defined in that section.

Respectfully submitted,



Kurt L. Van Voorhies

Registration No. 38,643

Phone: 248-364-2100

Facsimile: 248-364-2200

Dinnin & Dunn, P.C.
2701 Cambridge Court, Suite 500
Auburn Hills, MI 48326
5701-00297
2 January 2004

Enclosure

Based on Form PTO-1440 (3/00)			ATTY. DOCKET NO.		SERIAL NO.		
			5701-00297		10/666,165		
			APPLICANT		Page 1		
			Timothy J. BOMYA				
FILING DATE			January 2, 3004				
U. S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
AA		6,407,660	6/18/2002	Bomya	340	436	
AB		6,433,688	8/13/2002	Bomya	340	573.1	
AC		6,552,662	4/22/2003	Bomya et al.	340	572.1	
AD		6,583,616	6/24/2003	Bomya	324	207.17	
AE		6,586,926	7/1/2003	Bomya	324	207.17	
AF		6,587,048	7/1/2003	Bomya	340	573.1	
AG		6,631,776	10/14/2003	Bomya	180	169	
AH							
AI							
AJ							
AK							
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION Yes No
AL							
AM							
AN							
AO							
AP							
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
AR							
AS							
AT							
EXAMINER			DATE CONSIDERED				
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							